Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 24 Aug 2020 until 23:59 on Tuesday 25 Aug 2020

Forecast Issued on Sunday 23 Aug 2020 at 11:54

Confidence: High throughout, but moderate in extent of showers during Monday morning.

Headline for Monday 24 Aug 2020: Mainly dry and bright, with the risk of a few showers.

Mountain weather hazards on Monday 24 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny	Clear night
Precipitation probability							
20%	30%	30%	10%	10%	<05%	00%	00%

Forecast for Monday 24 Aug 2020

Weather: Clear spells through the early hours of Monday, but low cloud will give some fog over the summits. A few showers may develop in the south of the park by dawn, but these will clear away to leave a mostly fine day with sunny spells. Winds will be light and skies will become largely sunny through the evening leading to a clear start to the night.

Chance of cloud free mountain/hill tops above 600m: 30-50% until 12:00, with a gradual improvement. Thereafter, 100%

Visibility: Generally excellent (30km) with far reaching ridges visible with detailed clarity. Showers through the morning may temporarily lower the visibility to between 5000m and 8km, reducing clarity on nearby ridges. Visibility on summits will be <100m when cloudy.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 24 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 SW	19/24 W	14/18 W	12/17 W	13/18 W	13/18 W	7/10 W	6/7 SE	12/15 SE
300	12/19 SW	11/17 SW	9/13 W	9/13 W	10/14 W	10/15 W	5/9 W	5/6 SE	6/12 SE
Valley	6/17 SW	7/16 W	6/12 W	7/14 W	9/15 W	9/15 W	5/9 NW	3/6 E	6/12 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	9/6	10/7	11/9	12/10	12/10	11/10	11/8
300	12/10	12/10	12/10	12/11	14/12	15/13	14/14	13/12	13/12
Valley	13/12	12/11	12/11	14/12	16/14	16/15	15/15	12/12	12/12
Freezing Level*	2200m	2200m	2100m	2100m	2000m	2000m	2000m	2000m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine is still strong in August, so sun cream will be essential with high UV expected.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 23 Aug 2020	8.2mm	9mm	19.6mm

Forecast for Tuesday 25 Aug 2020

Weather: Clear at first, but quickly becoming wet and very windy through the early hours of Tuesday, with outbreaks of heavy and persistent rain combined with gales lasting throughout.

Maximum wind: Southeasterly 20-25mph, gusting 30-35mph, strengthening through the morning to 30-35mph, gusting 45-50mph. Winds will ease again through Tuesday night to blow from the northwest 15-20mph, gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: Generally 0-10% throughout with very limited breaks in the cloud over the summits.

Visibility: Often poor throughout with visibilities of 2000-5000m in rain and drizzle and <100m in fog caused by low cloud.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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